

Possible Configurations of a Ventilation System Coupled with a Forced Air Heating System

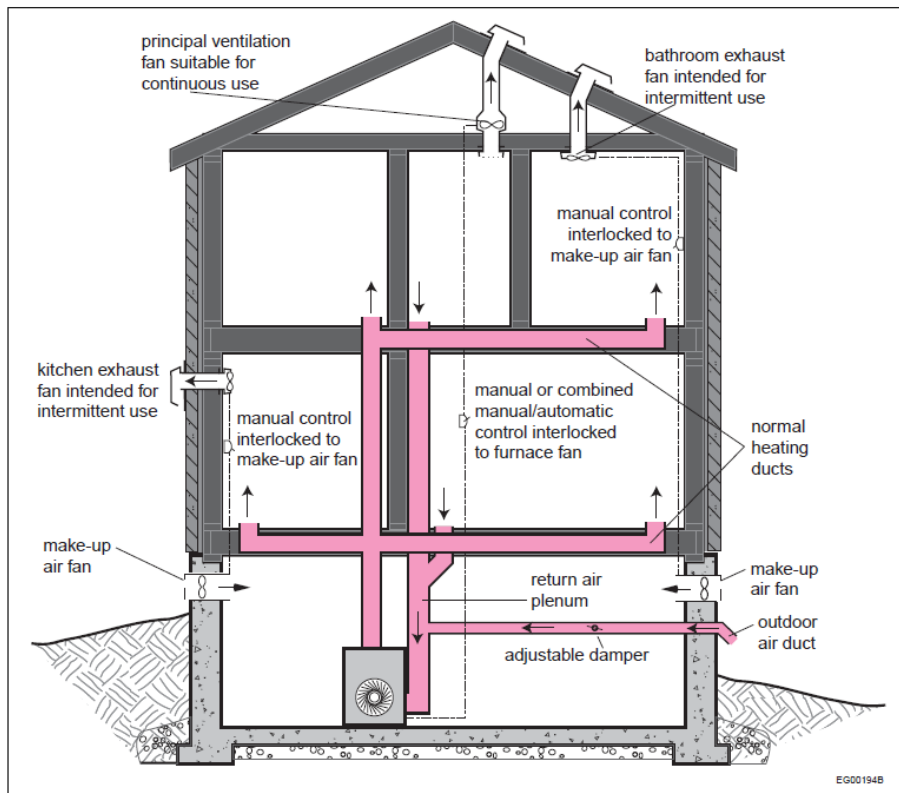


Figure A-9.32.3.3.-A

Possible configuration of a ventilation system coupled with a forced air heating system

Note to Figure A-9.32.3.3.-A:

- (1) The outdoor air supply duct shall be connected not less than 3 m upstream of the plenum connection to the furnace.

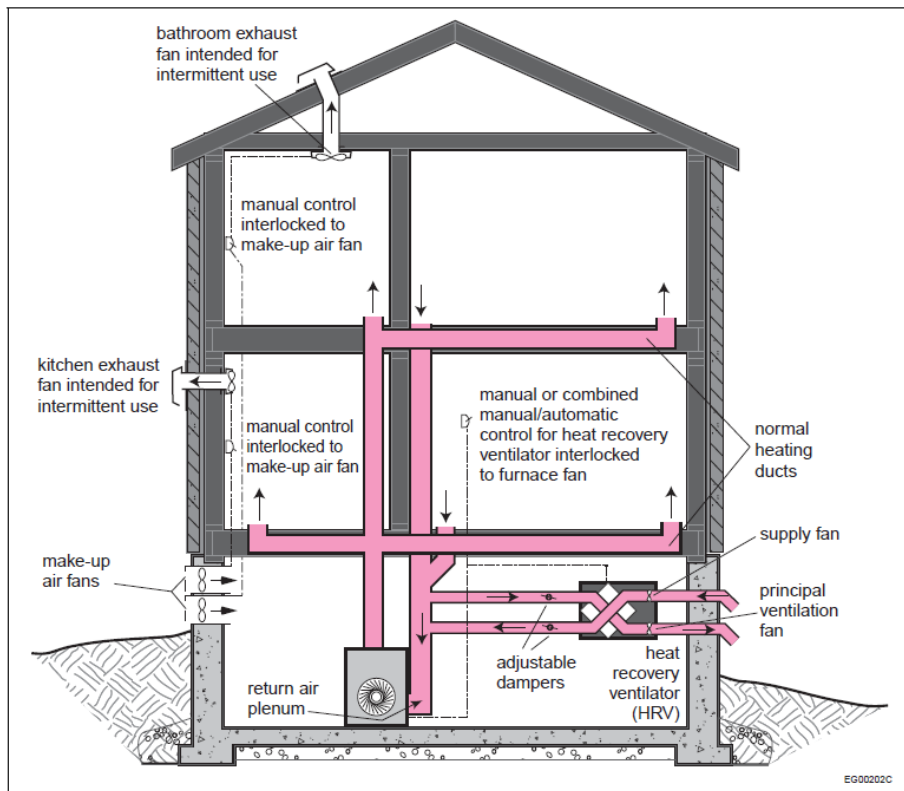


Figure A-9.32.3.3.-B

Possible configuration of a ventilation system using a heat recovery ventilator coupled with a forced air heating system

Notes to Figure A-9.32.3.3.-B:

- (1) The outdoor air supply duct shall be connected not less than 3 m upstream of the plenum connection to the furnace.
- (2) The HRV supply inlet and exhaust outlet shall be separated by a distance of not less than 900 mm.

Possible Configurations of a Ventilation System NOT Coupled with a Forced Air Heating System

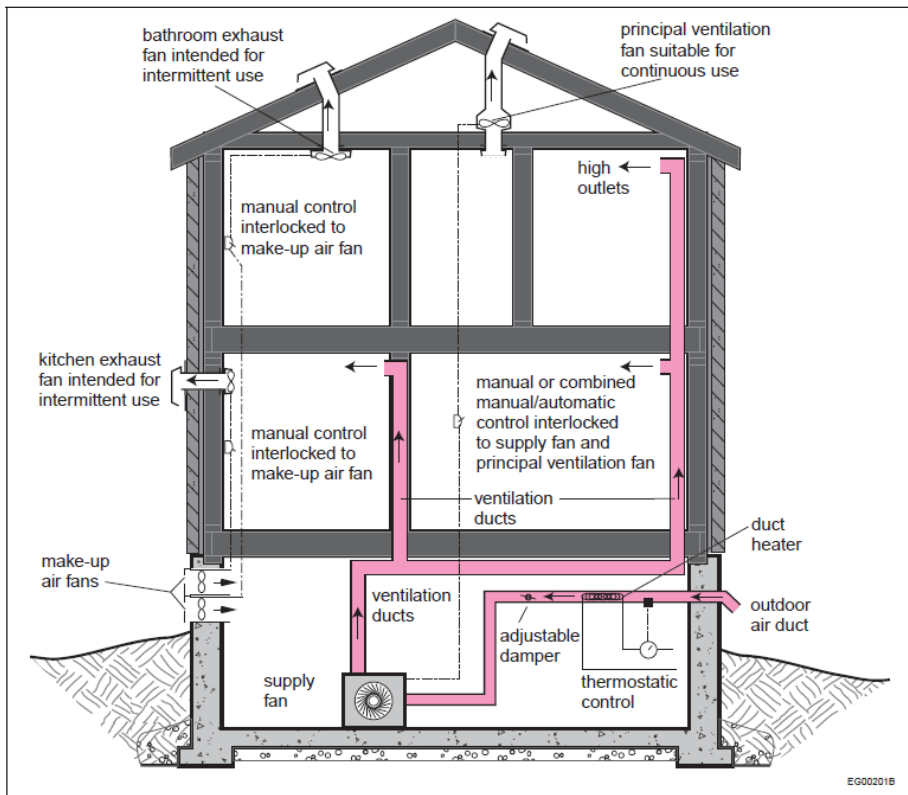


Figure A-9.32.3.3-C

Possible configuration of a ventilation system not coupled with a forced air heating system

Note to Figure A-9.32.3.3-C:

- (1) The outdoor air supply duct shall be connected not less than 3 m upstream of the plenum connection to the furnace.

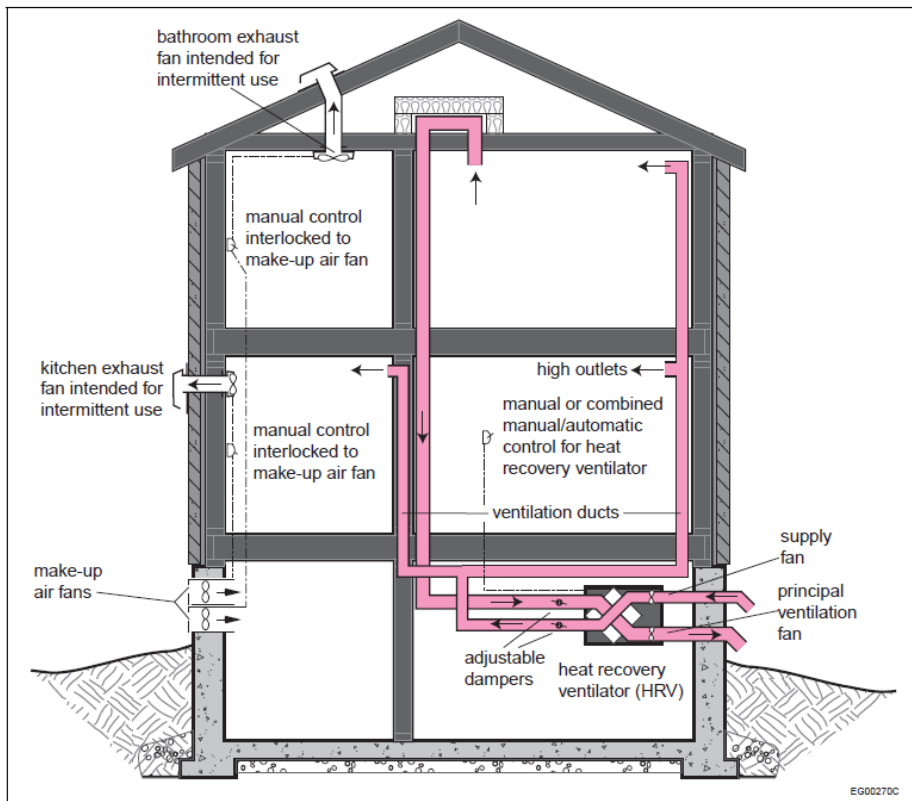


Figure A-9.32.3.3-D

Possible configuration of a ventilation system using a heat recovery ventilator not coupled with a forced air heating system

Note to Figure A-9.32.3.3-D:

- (1) The HRV supply inlet and exhaust outlet shall be separated by a distance of not less than 900 mm.

Ventilation System Coupled with a Forced Air Heating System Using Alternative Ventilation Fans

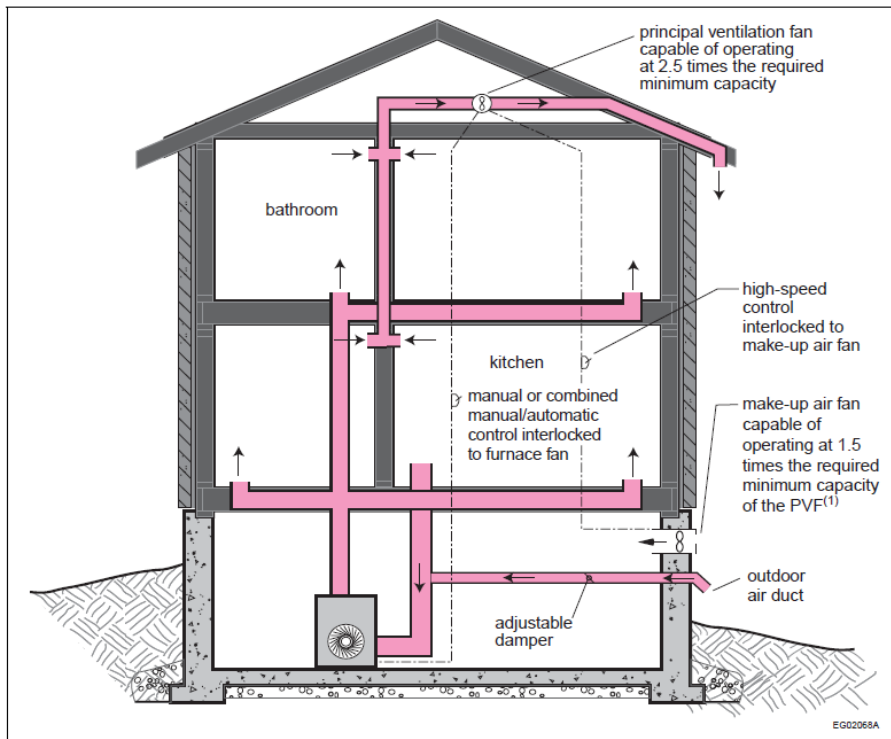


Figure A-9.32.3.3-E

Ventilation system coupled with a forced air heating system and using a dual-capacity principal ventilation fan to eliminate the need for supplemental fans

Notes to Figure A-9.32.3.3-E:

- (1) The make-up air fan operates when the PVF operates at 2.5 times the required capacity.
- (2) The outdoor air supply duct shall be connected not less than 3 m upstream of the plenum connection to the furnace.

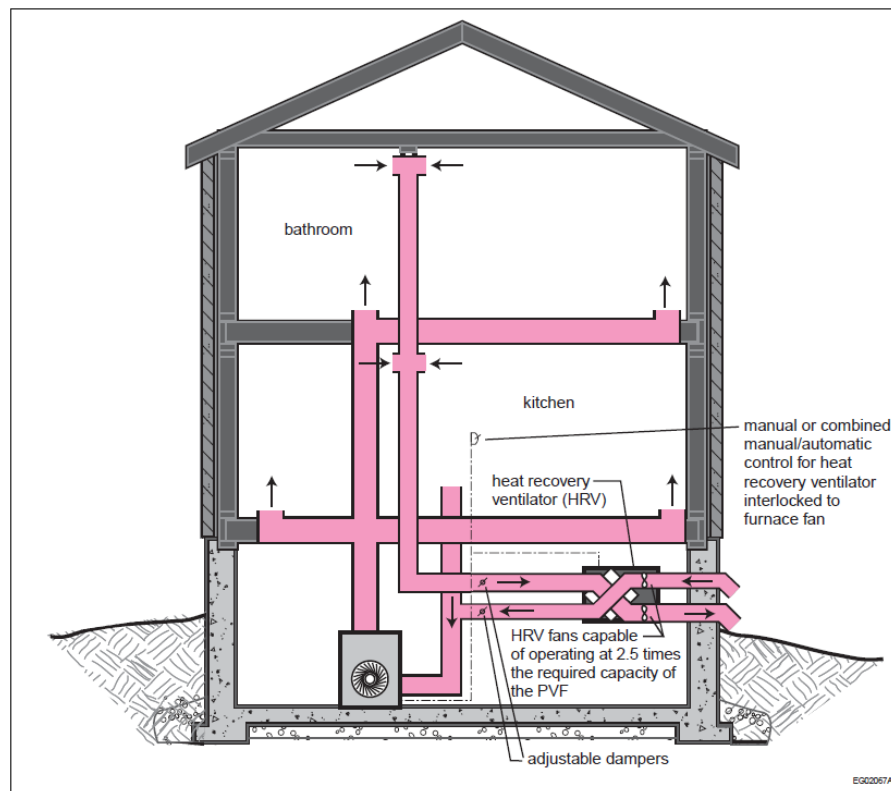


Figure A-9.32.3.3-F

Ventilation system coupled with a forced air heating system and using a heat recovery ventilator as the principal ventilation fan to eliminate the need for supplemental fans

Notes to Figure A-9.32.3.3-F:

- (1) The outdoor air supply duct shall be connected not less than 3 m upstream of the plenum connection to the furnace.
- (2) The HRV supply inlet and exhaust outlet shall be separated by a distance of not less than 900 mm.